

## REMARKS

Applicant respectfully requests the Examiner's reconsideration of the present application. Claims 2 and 20 have been canceled. Claims 1, 6, 10, 11, 19 and 21 have been amended. No new claims have been added. Therefore, claims 1, 3-19 and 21-27 are presented for examination.

### **Claim Amendments**

Applicant has amended the claims to more particularly point out what Applicant regards as their invention. No new matter has been added as a result of these amendments.

### **Rejections Under 35 U.S.C. §102**

#### *Barbour*

Claims 1-3, 5-8, and 10-18 stand rejected under 35 U.S.C. §102(e) as being anticipated by Barbour et al., U.S. Patent No. 6,671,390 ("Barbour"). Barbour only qualifies as prior art under 35 U.S.C. §102(e) because its issue date is after Applicant's filing date. Accordingly, Applicant hereby reserves the right to swear behind Barbour in the subsequent prosecution of the present application. Applicant respectfully submits, however, that the present claims are not anticipated by Barbour.

Barbour discloses tracking and analysis of the movement of sports participants or objects through received electromagnetic energy. The analysis may be used by a coach, for example, to investigate their teams and/or opponents subsequent to a sports activity. Characteristics of both the players and features of the sport may be analyzed, such as speed, strength, fatigue, injury recovery, success of maneuvers, success in certain environmental conditions, orientation of a ball, and spacing of participants.

Independent claim 1, as amended, includes the limitation of generating semantic information based on positional data and game rules of a sporting event, said semantic information describing an officiating event. Applicant respectfully submits that Barbour does not disclose this limitation. Barbour is directed to analyzing characteristics of sports participants and objects, such as speed and orientation. Barbour does not disclose that any of the analysis is based on game rules of a sporting event, nor does

Barbour disclose that any of the analysis is directed to identifying an officiating event. As described in paragraph [0028] of Applicant's Specification, an officiating event is a game-rule type event which is significant in the course of a sporting event, and which an official (e.g. referee, umpire, etc.) would typically be responsible for determining whether an infringement of the rules has occurred. For example, officiating events in a soccer game may include events such as off-sides, fouls, out-of-bounds, a goal, etc.

Therefore, Barbour does not disclose the claimed limitation of generating semantic information based on said positional data and game rules of said sporting event, said semantic information describing an officiating event. Accordingly, independent claim 1 and claims 3 and 5-8 that depend from it, are not anticipated by Barbour, and Applicant respectfully requests withdrawal of the rejection of the claims under 35 U.S.C. §102(e).

Independent claim 10, as amended, includes the limitation of an officiating data unit to generate officiating event data based on positional data and game rules of a sporting event, said officiating event data describing an officiating event of said sporting event. For at least the reasons discussed above with respect to independent claim 1, Barbour does not disclose this limitation of claim 10. Accordingly, independent claim 10 and claims 11-18 that depend from it, are not anticipated by Barbour, and Applicant respectfully requests withdrawal of the rejection of the claims under 35 U.S.C. §102(e).

### **Rejections Under 35 U.S.C. §103(a)**

#### *Barbour*

Claims 4, 9, and 17-27 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Barbour. Applicant respectfully submits that the present claims are patentable over Barbour.

Claims 4 and 9 depend from independent claim 1. Independent claim 1, as amended, includes the limitation of generating semantic information based on said positional data and game rules of said sporting event, said semantic information describing an officiating event. Claims 17-18 depend from independent claim 10. Independent claim 10, as amended, includes the limitation of an officiating data unit to generate officiating event data based on positional data and game rules of a sporting event, said officiating event data describing an officiating event of said sporting event.

As discussed above, Barbour does not teach or suggest the limitations of independent claims 1 and 10. Furthermore, the Examiner's asserted Official Notice that transmitting semantics to a display and showing animated images would have been obvious at the time of the invention, does not teach or suggest the missing elements. Accordingly, Applicant respectfully submits that claims 4, 9 and 17-18, are not rendered obvious by the combination of Barbour and the Official Notice under 35 U.S.C. §103(a), and respectfully requests the withdrawal of the rejection of the claims.

Independent claim 19, as amended, includes the limitation of generating semantic information based on positional data and game rules of a sporting event, wherein said semantic information describes an officiating event. For at least the reasons discussed above with respect to independent claim 1, Barbour does not teach or suggest this limitation. Furthermore, the Examiner's asserted Official Notice does not teach or suggest the missing elements. Accordingly, Applicant respectfully submits that independent claim 19 and claims 21-27 that depend from it, are not rendered obvious by the combination of Barbour and the Official Notice under 35 U.S.C. §103(a), and respectfully requests the withdrawal of the rejection of the claims.

### Conclusion

Applicant respectfully submits that in view of the amendments and discussion set forth herein, the applicable rejections have been overcome and the pending claims are in condition for allowance.


If the Examiner determines the prompt allowance of the claims could be facilitated by a telephone conference, the Examiner is invited to contact Scott Heilesen at (408) 720-8300.

Authorization is hereby given to charge our Deposit Account No. 02-2666 for any charges that may be due. Furthermore, if an extension is required, then Applicant hereby requests such extension.

Respectfully submitted,

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Date: 6/2, 2004

  
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